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3 4 What is claimed is:

1	1. A substrate processing device, comprising:
2	a plurality of vacuum process chambers, each of which administers a
3	prescribed process to a substrate therein;
4	a through-chamber which constitutes a vacuum chamber, the plurality of
5	vacuum process chambers are hermetically-connected to a perimeter of the
6	through-chamber;
7	a carry system which carries a substrate in sequence, via the through-
8	chamber, to the plurality of vacuum process chambers, the carry system comprises
9	a substrate holder which holds the substrate upright in such a way that a plate
10	surface thereof forms an angle to the horizontal of between 45° and 90°; and
11	a horizontal movement mechanism which moves the substrate holder via
12	the through-chamber to the plurality of vacuum process chambers.

- The substrate processing device described in Claim 1, wherein the 2. through-chamber constitutes a direction-altering chamber comprising a directionaltering mechanism which alters the direction of movement of the substrate holder using the horizontal movement mechanism, wherein the direction-altering mechanism alters the direction of movement by rotating the substrate holder and the horizontal movement mechanism about a vertical rotating axis.
- The substrate processing device described in Claim 2, wherein the 3. direction-altering mechanism rotates the substrate holder and the horizontal movement mechanism about a rotating axis coincident with a center axis of the direction-altering chamber.

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1	4. The substrate processing device described in Claim 1, wherein the substrate holder holds two substrates simultaneously.
1	5. The substrate processing device described in Claim 4, wherein the
2	substrate holder holds the substrates upright in such a way that the plate surface

A substrate processing device, comprising:

thereof forms an angle to the horizontal of between 60° and 90°.

a plurality of through-chambers, each of which includes a hermeticallyconnected vacuum chamber;

a plurality of processing chambers that are hermetically-connected to the plurality of through-chambers;

a carry system that carries a substrate in sequence to the processing chambers, the carry system comprises a substrate holder which holds the substrate upright in such a way that a plate surface thereof forms an angle to the horizontal of between 45° and 90°; and

a horizontal movement mechanism which moves the substrate holder to each of the processing chambers via at least a plurality of the through-chambers.

The substrate processing device described in Claim 6, wherein the 7. through-chambers each constitutes a direction-altering chamber comprising a direction-altering mechanism which alters the direction of movement of the substrate holder using the horizontal movement mechanism, wherein the directionaltering mechanism alters the direction of movement by rotating the substrate holder and the horizontal movement mechanism about a vertical rotating axis.

1	8. The substrate processing device described in Claim 7, wherein the
2	direction-altering mechanism rotates the substrate holder and the horizontal
3	movement mechanism about a rotating axis coincident with a center axis of the
4	direction-altering chamber.
1	9. The substrate processing device described in Claim 6, wherein the
2	substrate holder holds two substrates simultaneously.
1	10. The substrate processing device described in Claim 9, wherein the
2	substrate holder holds the substrates upright in such a way that the plate surface
3	thereof forms an angle to the horizontal of between 60° and 90°.
1	1). A through-chamber having a perimeter to which a plurality of
2	vacuum processing chambers are hermetically-connected, the through chamber
3	comprising:
4	a vacuum chamber;
5	a horizontal movement mechanism including a substrate holder for holding
6	a substrate, the horizontal movement mechanism horizontally moves the substrate
7	holder through the vacuum chamber, and the substrate holder holds the
8	abovementioned substrate upright in such a way that the plate surface thereof
9	forms a holding angle to the horizontal of between 45° and 90°, and
10	a direction-altering mechanism which alters the direction of movement of
11	the substrate holder by rotating the substrate holder and horizontal movement

mechanism about a vertical rotating axis.

1	12. The through-chamber as described in Claim 11, wherein the
2	direction-altering mechanism rotates the substrate holder and the horizontal
3	movement mechanism about a rotating axis coincident with a center axis of the
4	through-chamber.